

ABSTRACT OF THE DISCLOSURE

Ink-jet recording media for producing high quality images using color printers are provided. The media comprise a substrate material, such as a paper, coated with an ink-receptive composition comprising an aqueous dispersion of cationic fumed silica particles and cationic polyurethane resin. The dispersion comprises at least 60% by weight of cationic fumed silica particles, and at least 14% by weight of cationic polyurethane resin based on solids. The coated ink-receptive layer is free of surface defects and has good ink-absorption properties. The invention also includes ink-jet recording media comprising a substrate coated with an ink-receptive underlayer and an ink-receptive top layer. The resulting media may have a semi-glossy surface finish. The surface gloss may be enhanced further by calendering the coated layer.